



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

March 31, 2017

Roger Collins, Jr.
3406 Corley-Caress Road
Flatwoods, WV 26621

Re: Collins Building & Contracting, Inc.
Little Birch Facility
Permit Application No. G40-C068A
Plant ID No. 777-00130

Dear Mr. Collins:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G40-C068A is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: Roger Collins Jr., Owner - collinsbuilding@hughes.net
Lori Steele, MSES Consultants, Inc., - lsteel@msesinc.com

Promoting a healthy environment.

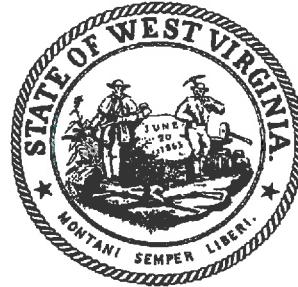
West Virginia Department of Environmental Protection

*Jim Justice
Governor*

Division of Air Quality

*Austin Caperton
Cabinet Secretary*

**Class II General Permit
G40-C Registration to Modify**



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Nonmetallic Mineral Processing Plants

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G40-C.*

G40-C068A

Issued to:

**Collins Building & Contracting, Inc.
Little Birch Facility
777-00130**

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

*William F. Durham
Director*

Effective: March 31, 2017

This Class II General Permit Registration will supercede and replace **G40-C068**

Facility Location: Little Birch, Braxton County, West Virginia
Mailing Address: 3406 Corley-Caress Road, Flatwoods, WV 26621
Facility Description: Nonmetallic Mineral Processing Plant
NAICS Codes: 212319
UTM Coordinates: 523825 km Easting • 4269469 km Northing • Zone 17 Little Birch Processing
524730 km Easting • 4269130 km Northing • Zone 17 Little Birch Quarry
531090 km Easting • 4282838 km Northing • Zone 17 Sutton
Registration Type: Modification

Subject to 40CFR60 Subpart OOO? Yes

Subject to 40CFR60 Subpart IIII? Yes

Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

Unless otherwise stated WVDEP DAQ did not determine whether the registrant is subject to an area source air toxics standard requiring Generally Achievable Control Technology (GACT) promulgated after January 1, 2007 pursuant to 40 CFR 63, including the area source air toxics provisions of 40 CFR 63, Subpart ZZZZ.

All registered facilities under Class II General Permit G40-C are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G40-C apply to the registrant:

Section 5	Nonmetallic Mineral Processing Operations	X
Section 6	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification after August 31, 1983 but before April 22, 2008 (40CFR60 Subpart OOO)	<input type="checkbox"/>
Section 7	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification on or after April 22, 2008. (40CFR60 Subpart OOO)	X
Section 8	Reciprocating Internal Combustion Engines (R.I.C.E.)	X
Section 9	Tanks	X
Section 10	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)	X
Section 11	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)	<input type="checkbox"/>

Emission Units

Equip- ment ID No.	A M R ¹	Year	Description	Maximum Capacity		Control Equip- ment ²	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID. No.	Control Equip- ment ²
Crush and Screen Circuit									
OS-1	A	2013	19,300 Ton Raw Stockpile - receives raw material trucked from the quarry. Truck transfers material to raw stockpile OS-1. Loader transfers raw material to hopper BS-1.	----	420,000	SW-WS	B A A	TP-1 TP-2 TP-3	UL-WS LO-RC UD-PW
BS-1	A	2013	3.4 Ton Raw Material Hopper - receives raw material from loader and transfers onto belt conveyor BC-1	----	75,600	PE	B A	TP-3 TP-4	UD-PW TC-PW
BC-1	A	2013	Belt Conveyor - receives raw material from hopper and transfers to crusher CR-1	350	420,000	PE	B A	TP-4 TP-5	TC-PW TC-PW
CR-1	A M	2013 2016	Portable Lippman Grizzly King 42X48 Jaw Crusher receives raw material from conveyor BC-1, crushes then drops onto belt conveyor BC-2	350	420,000	PW	B A	TP-5 TP-6	TC-PW TC-PE

Equip- ment ID No.	A M R ¹	Year	Description	Maximum Capacity		Control Equip- ment ²	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID. No.	Control Equip- ment ²
BS-2	A	2013	2.65 Ton Raw Material Hopper - receives raw material from loader and transfers into crusher CR-2	350	75,600	PE	B A	TP-8 TP-9	UD-PW TC-PW
CR-2A	A M	2013 2016	Pioneer 30X42 Jaw Crusher receives raw material from hopper BS-2, crushes then drops onto belt conveyor BC-2	350	420,000	PW	B A	TP-9 TP-10	TC-PW TC-PE
BC-2	A	2013	Belt Conveyor - receives crushed material from crushers CR-1 and CR-2A then transfers to screen S-1A	350	420,000	N	B B A A	TP-6 TP-10 TP-7 TP-11	TC-PE TC-PE TC-PW TC-PW
S-1A	A M	2013 2016	Powerscreen Warrior 2400 Screen - receives crushed material from conveyor BC-2, screens material and transfers onto three belt conveyors BC-3, BC-4 or BC-5 according to size	350	420,000	PW	B A A A	TP-7, TP-11 TP-12 TP-13 TP-14	TC-PW TC-WS TC-WS TC-WS
BC-3	A	2013	Belt Conveyor - receives sized material from screen S-1 then transfers to stockpile OS-02	350	420,000	N	B A	TP-12 TP-15	TC-WS TC-WS
OS-2	A	2013	4,945 Ton Open Stockpile - receives material from belt conveyor BC-03. Material is loaded out to trucks by endloader	----	16,867	SW-WS	B A A A	TP-15 TP-27 TP-28 TP-29	TC-WS LO-RC LO-RC LO-RC
BC-4	A	2013	Belt Conveyor - receives sized material from screen S-1 then transfers to stockpile OS-03 or to conveyor BC-6	350	420,000	N	B A A A	TP-13 TP-17 TP-18	TC-WS TC-WS TC_WS
OS-3	A	2013	3,600 Ton Open Stockpile - receives material from belt conveyor BC-04. Material is loaded out to trucks by endloader	----	16,867	SW-WS	B A A A	TP-17 TP-27 TP-28 TP-29	TC-WS LO-RC LO-RC LO-RC
BC-5	A	2013	Belt Conveyor - receives sized material from screen S-1 then transfers to stockpile OS-04	350	420,000	N	B A	TP-14 TP-16	TC-WS TC-WS
OS-4	A	2013	2,392 Ton Open Stockpile - receives material from belt conveyor BC-05. Material is loaded out to trucks by endloader	----	16,867	SW-WS	B A A A	TP-16 TP-27 TP-28 TP-29	TC-WS LO-RC LO-RC LO-RC
BC-6	A	2013	Belt Conveyor - receives sized material from conveyor BC-4 then transfers to screen S-2A for further classification	350	420,000	N	B A	TP-18 TP-19	TC-WS TC-WS
S-3	A	2016	Powerscreen Warrior 2400 double deck screener receives sized material from conveyor BC-6, screens material and transfers onto three belt conveyors BC-7, BC-8 or BC-9 according to size	350	420,000	PW	B A A A	TP-19 TP-20 TP-22 TP-21	TC-WS TC-WS TC-WS TC-WS
S-2A	A M	2013 2016	Powerscreen H5163 Horizon 5X16 Triple Deck Screen - receives sized material from conveyor BC-6, screens material and transfers onto three belt conveyors BC-7, BC-8 or BC-9 according to size	350	420,000	PW	B A A A A	TP-19 TP-20 TP-22 TP-21 TP-30	TC-WS TC-WS TC-WS TC-WS TC-WS
BC-7	A	2013	Belt Conveyor - receives sized material from screen S-2 then transfers to stockpile OS-5	350	420,000	N	B A	TP-20 TP-23	TC-WS TC-WS
BC-8	A	2013	Belt Conveyor - receives sized material from screen S-2 then transfers to stockpile OS-5	350	420,000	N	B A	TP-22 TP-25	TC-WS TC-WS
BC-9	A	2013	Belt Conveyor - receives sized material from screen S-2 then transfers to stockpile OS-5	350	420,000	N	B A	TP-21 TP-24	TC-WS TC-WS

Equip- ment ID No.	A M R ¹	Year	Description	Maximum Capacity		Control Equip- ment ²	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID. No.	Control Equip- ment ²
OS-5	A	2013	821 Ton Open Stockpile - receives material from belt conveyors BC-7, BC-8 and BC-9. Material is loaded out to trucks by endloader	----	16,867	SW-WS	B B B A A A	TP-23 TP-24 TP-25 TP-26 TP-27 TP-28 TP-29	TC-WS TC-WS TC-WS LO-RC LO-RC LO-RC LO-RC
OS-6	A	2013	59, 073 Ton Staging Pile - receives material from stockpiles for final loadout to trucks	----	50,000	SW-WS	B A A	TP-27 TP-28 TP-29	LO-RC LO-RC LO-RC

¹ A - Addition, M - Modification, R - Removal

² PE - Partial Enclosure; PW - Partial Enclosure w/water spray; UL-WS - Unloading w/water spray; UD-PW - Partial Enclosure w/water spray; TC-PE - Transfer point partially enclosed; TC-WS - transfer point w/water spray; LO-RC - Bucket Wheel Reclaimer; N - None

Control Devices (Not Applicable)

Control Device ID	Source ID No.	Emission Unit Description	Month/Year Constructed, Reconstructed, or Modified

Reciprocating Internal Combustion Engines

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
CR-1	1979 Caterpillar 3412	2016	574 / 1,800
CR-2A	1977 Caterpillar 3406	2016	400 / 2,100
S-1A	2008 Deutz TCD 2012 L06 2V	2016	192 / 1,800
S-2A	2008 Caterpillar C4.4 ATAAC ACERT	2016	130 / 1,800
S-3	2008 Deutz TCD 2012 L06 2V	2016	192 / 1,800

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 8.1.4/8.2.1 (Catalytic Reduction Device)
CR-1	No	No	No
CR-2A	No	No	No
S-1A	Yes		No
S-2A	Yes		No
S-3	Yes		No

Emission Limitations

Emission Source	Maximum Controlled Hourly Emissions (lb/hr)	Maximum Controlled Annual Emissions (tons/year)
FUGITIVE EMISSIONS		
Stockpiles	0.03	0.12
Unpaved Haulroads	5.87	2.47
Paved Haulroads	0.00	0.00
Total Fugitive Emissions	5.90	2.58
POINT SOURCE EMISSIONS		
Equipment Emissions	5.77	3.46
Transfer Point Emissions	3.59	2.16
Total Point Source Emissions	9.36	5.62
TOTAL FACILITY EMISSIONS		
Total Facility Emissions	15.26	8.20

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
CR-1	1979 Caterpillar 3412	Nitrogen Oxides	17.79	10.68
		Carbon Monoxide	3.83	2.30
		Volatile Organic Compounds	1.44	0.60
		Formaldehyde	0.68	0.41
CR-2A	1977 Caterpillar 3406	Nitrogen Oxides	12.40	7.44
		Carbon Monoxide	2.67	1.60
		Volatile Organic Compounds	1.01	0.60
		Formaldehyde	0.47	0.28
S-1A	2008 Deutz TCD 2012 L06 2V	Nitrogen Oxides	1.20	0.72
		Carbon Monoxide	1.10	0.66
		Volatile Organic Compounds	0.48	0.29
		Formaldehyde	0.23	0.14
S-2A	2008 Caterpillar C4.4 ATAAC ACERT	Nitrogen Oxides	0.81	0.49
		Carbon Monoxide	1.07	0.64
		Volatile Organic Compounds	0.33	0.20
		Formaldehyde	0.15	0.09
S-3	2008 Deutz TCD 2012 L06 2V	Nitrogen Oxides	1.20	0.72
		Carbon Monoxide	1.10	0.66
		Volatile Organic Compounds	0.48	0.29
		Formaldehyde	0.23	0.14